# C H A R U S A T

DEVANG PATEL INSTITUTE OF ADVANCE TECHNOLOGY AND RESEARCH

PROJECT SYNOPSIS

**Date:  /    /**

**CE447: SOFTWARE PROJECT MAJOR/CS447: SOFTWARE PROJECT MAJOR/IT407: SOFTWARE PROJECT MAJOR**

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| **Project Title:** | Web-IMS (Intelligent Medical Software) |
| **Project Goal** | 1. To get technical training on angular and dot net framework<br>2. To understand the US healthcare clinical flow<br>3. Final working assigned Web application modules |
| **Objectives** | 1. Understanding the US healthcare clinical flow<br>2. Develop a working module of Web-IMS product using angular and .NET framework.<br>3. Following HIPAA policy for the security of patient health information (PHI)<br>4. Understand the Web-IMS product through product training so that one can get the proper understanding of each module and developer can get proper understanding of resolving the bugs which may occur. |
| **Project Brief description** | 1. Information Management System (IMS) is a general term for software designed to facilitate the storage, organization and retrieval of Protected health information (PHI), also referred to as personal health information, is the demographic information, medical histories, test and laboratory results, mental health conditions, insurance information and other data that a healthcare professional collects to identify an individual and determine appropriate care.<br>2. Web-IMS Healthcare deals with sensitive details about a patient, including birthdate, medical conditions and health insurance claims. Whether in a paper based record or an electronic health record (EHR) system, PHI explains a patient's medical history, including ailments, various treatments and outcomes. |
| **Expected outcome** | 1. Develop a working module of Web-IMS product using angular and .NET framework.<br>2. Proper understanding of product and readiness to solve any bug.<br>3. US healthcare can be benefited using this product.<br>4. Clinical flow can be improved and managed by the user by following the HIPAA policy. |
| **Project Category:** | Web Application |
| **Development Environment** | (Software and Hardware which developer will be utilizing for the developing/coding project)<br>**Software Specification:**<br>   ● PostgreSQL (DBeaver), DotNet core framework, VSCode IDE, GitHub, Angular, any browser.<br><br>**Hardware Specification:**<br>   ● Min Ram: 2GB, Min Disc Space: 13 MB, laptop with a decent internet connectivity<br><br>Are all the Team Members using the same Specification: **YES/NO**.<br>How will you integrate your work: (Give Description)<br>Using GitHub, the project will be integrated collaboratively.<br>Frontend and backend will be integrated by dot NET framework |

| Execution/Hosting Environment | (Software and Hardware which Company Owner will be utilizing for the Accessing/Hosting project after development) **Software Specification:** ● Any browser. **Hardware Specification:** ● Min Ram: 2GB, Min Disc Space: 13 MB, laptop with a decent internet connectivity. Are you planning to host a project which you are going to develop? **YES/NO** | | | |
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| **Statistics** | Time Duration: _____ Months | | | |
| | Team Size: _____ Engineers | | | |
| **Student En. No.** | **19DCE029** | **19DCE045** | **19DCE110** | **D20DCE155** |
| **Responsibility** | BackEnd Developer (.NETCore) | BackEnd Developer (.NETCore) | BackEnd Developer (.NETCore) | FrontEnd Developer (Angular) |
| **Sign of Student** | | | | |